Lab-8

1.Write a Python program to count the occurrences of each word in a given sentence

string = “To change the overall look of your document. To change the look available in the gallery”

Program:

string = "To change the overall look of your document. To change the look available in the gallery"

words = string.lower().replace(".", "").split()

word\_count = {}

for word in words:

    word\_count[word] = word\_count.get(word, 0) + 1

print(word\_count)

Result:

{'to': 2, 'change': 2, 'the': 3, 'overall': 1, 'look': 2, 'of': 1, 'your': 1, 'document': 1, 'available': 1, 'in': 1, 'gallery': 1}

2. Write a Python program to remove a newline in Python

String = "\nBest \nDeeptech \nPython \nTraining\n"

Program:

string = "\nBest \nDeeptech \nPython \nTraining\n"

cleaned\_string = string.replace("\n", "")

print(cleaned\_string.strip())

Result:

Best Deeptech Python Training

3. Write a Python program to reverse words in a string

String = “Deeptech Python Training”

Program:

string = "Deeptech Python Training"

reversed\_string = " ".join(string.split()[::-1])

print(reversed\_string)

Result:

Training Python Deeptech

4.Write a Python program to count and display the vowels of a given text

String=”Welcome to python Training"

Program:

string = "Welcome to python Training"

vowels = "aeiouAEIOU"

vowel\_count = 0

found\_vowels = []

for char in string:

    if char in vowels:

        vowel\_count += 1

        found\_vowels.append(char)

print(f"Total vowels: {vowel\_count}")

print(f"Vowels found: {', '.join(found\_vowels)}")

Result:

Total vowels: 8

Vowels found: e, o, e, o, o, a, i, i